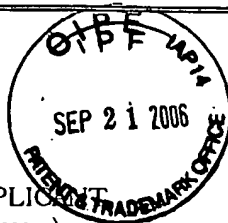


Form PTO-1449

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MI40-369SERIAL NO.
10/734,072APPLICANT
MARK E. TUTTLE ET AL.FILING DATE
DECEMBER 10, 2003GROUP
2891U.S. PATENT DOCUMENTS **EV 832832917**

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>CME</i>	AA	4,413,254	11/83	PINNEO ET AL.	340	572	
<i>CME</i>	AB	4,506,148	03/85	BERTHOLD ET AL.	235	380	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>CME</i>	AK	JP 8-7066	1/1996	JP (Phillips (Launay)	G06K	19/077	X	
	AL							
	AM							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>CME</i>	AA	4,484,355	11/19841	HENKE ET AL.	455	76	
	AB	4,539,472	09/1985	POETKER ET AL.	235	488	
	AC	4,724,340	05/1988	NOWIK ET AL.	340	572	
	AD	4,724,427	02/1988	CARROLL	340	572	
	AE	4,727,560	02/1988	VAN ZANTEN ET AL.	377	60	
	AF	4,746,618	05/1988	NATH ET AL.	437	2	
	AG	4,746,830	05/1988	HOLLAND	310	313	
	AH	4,756,717	07/1988	STURGIS ET AL.	427	290	
	AI	4,777,563	10/1988	TERAOKA ET AL.	361	395	
<i>CME</i>	AJ	4,783,646	11/1988	MATSUZAKI	340	572	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
<i>CME</i>	AK	JP 2-179794	7/1990	Japan (Sony Corp.)	B42D	015/10	Abs	
<i>CME</i>	AL	JP 3-224799	10/1991	Japan (Sony Corp.)	B42D	015/10	Abs	
<i>CME</i>	AM	JP 4-359183	11/1992	Japan (Nippondenso Co. Ltd)	G01S	013/80	Abs	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AN	KANATZIBIS, Mercouri G., "Conductive Polymers", Chemical and Engineering News--American Chemical Society, pp. 36-54 (12/1990)
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Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
CME	AA	4,827,110	05/1989	ROSSI ET AL.	235	376	
	AB	4,827,395	05/1989	ANDERS ET AL.	364	138	
	AC	4,854,328	08/1989	POLLACK	128	736	
	AD	4,911,217	03/1990	DUNN ET AL.	152	152.1	
	AE	4,918,631	04/1990	HARA ET AL.	364	708	
	AF	4,942,327	07/1990	WATANABE ET AL.	310	313 R	
	AG	4,962,415	10/1990	YAMAMOTO ET AL.	357	74	
	AH	5,008,776	04/1991	QUEYSSAC	361	392	
	AI	5,023,573	06/1991	ADAM	333	17.2	
CME	AJ	5,095,240	03/19921	NYSEN ET AL.	310	313	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
CME	AK	JP 2-36476	3/1990	Japan (Fijitsu Ltd)	G06F	015/40	Abs	
CME	AL	0 595 549 A2	10/1993	EPO (Hughes-Microelectronics)	H04Q	9/00	X	
CME	AM	38 24 870 A1	04/1989	DE (Mitsubishi)	G06K	7/01		X

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 4 of 6

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U.S. PATENT DOCUMENTS								
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CME	AA	5,124,782	06/1992	HUNDT ET AL.	257	724		
	AB	5,134,277	07/1992	YERBURY ET AL.	250	214		
	AC	5,144,314	09/1992	MALMBERG ET AL.	342	44		
	AD	5,148,504	09/1992	LEVI ET AL.	385	14		
	AE	5,153,710	10/1992	McCAIN	357	75		
	AF	5,164,732	11/1992	BRACKELSBY ET AL.	342	44		
	AG	5,175,418	12/1992	TANAKA	235	439		
	AH	5,214,410	05/1993	VERSTER	340	572		
	AI	5,274,221	12/1993	MATSUBARA	235	492		
CME	AJ	5,302,954	04/1994	BROOKS ET AL.	342	44		
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
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EXAMINER C. Kuehner		DATE CONSIDERED 10-19-06						
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M140-369SERIAL NO.
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DEC. 10, 2003GROUP
2891

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>CME</i>	AA	5,313,211	05/1994	TOKUDA ET AL.	340	50	
	AB	5,317,309	05/1994	VERCELLOTTI ET AL.	340	825	
	AC	5,337,063	08/1994	TAKAHIRA	343	741	
	AD	5,340,968	08/1994	WATANABE ET AL.	235	380	
	AE	5,347,263	09/1994	CARROLL ET AL.	340	825	
	AF	5,414,427	05/1995	GUNNARSON	342	825	
	AG	5,448,110	09/1995	TUTTLE ET AL.	257	723	
	AH	5,497,140	03/1996	TUTTLE	342	51	
	AI	5,541,399	07/30/96	DE VALL	235	491	
<i>CME</i>	AJ	5,572,226	11/1996	TUTTLE	343	726	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>Cyme</i>	AA	5,719,586	02/19981	TUTTLE ET AL.	343	726	
	AB	5,776,278	07/1998	TUTTLE ET AL.	156	213	
	AC	5,779,839	07/1998	TUTTLE ET AL.	156	213	
	AD	5,955,949	09/1999	COCITA	340	572	
	AE	5,982,284	11/1999	BALDWIN ET AL.	340	572	
	AF	6,265,977	07/2001	VEGA ET AL.	340	572	
	AG	6,294,998	09/2001	ADAMS ET AL.	340	572	
	AH	5,055,968	10/08/91	NISHI ET AL.	361	395	
	AI	5,166,502	11/24/92	RENDLEMAN ET AL.	235	492	
<i>Cyme</i>	AJ	4,857,893	08/15/89	CARROLL	340	572	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AK							
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